


PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PCT 1908-035/d		FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)	
International application No. PCT/JP 03/00088	International filing date (day/month/year) 09.01.2003	Priority date (day/month/year) 31.01.2002	
International Patent Classification (IPC) or both national classification and IPC H04N7/173			
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.			
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 4 sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of 4 sheets.</p>			
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the opinion</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input checked="" type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input type="checkbox"/> Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>			
Date of submission of the demand 18.08.2003		Date of completion of this report 28.05.2004	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized Officer Luckett, P Telephone No. +49 89 2399-8965	



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/JP 03/00088

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, Pages

1-38 as originally filed

Claims, Numbers

13-16 as originally filed

1-12 received on 26.03.2004 with letter of 26.03.2004

Drawings, Sheets

1/8-8/8 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
☐ the language of publication of the international application (under Rule 48.3(b)).
☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/JP 03/00088

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application,

☒ claims Nos. 1-12

because:

☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (specify):

☒ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. 1-12 are so unclear that no meaningful opinion could be formed (*specify*):

see separate sheet

☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.

☐ no international search report has been established for the said claims Nos.

2. A meaningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions:

☐ the written form has not been furnished or does not comply with the Standard.

☐ the computer readable form has not been furnished or does not comply with the Standard.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/JP03/00088

- 1 The claims are not clear. The obscurity in the claims derives from grammatical and semantic errors. Thorough linguistic revision appears necessary (Art 6 PCT)
- 2 In some administrations (e.g. the EPO) a "system" claim is considered to be a claim to apparatus. Thus both independent claims 1 and 8 relate to apparatus and thus appear to constitute unnecessary repetition (Art 6 PCT).
- 3 The method claim 11 is not drafted in clear steps of a method as such. The claim wording includes confusing references to "apparatus" and various "means".
- 4 Similar objection applies to "program" claim 12. Here, a computer program product is probably intended whereby the functional features to be understood of the program product when implemented are couched in terms of apparatus features rather than steps of the method or function which the program when run is intended to bring about.
- 5 The applicants' comments in letter of reply dated 26.3.2004 have been carefully considered. It appears therefrom that the concept underlying the application may well meet the requirements of patentability laid down in the PCT, subject to further clarification of the claims in respect of the above mentioned matters.

Application No: PCT/JP03/00088

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Our ref: PCT1908PJap

Date: March 26, 2004

Proposed Claims

1. A digest video providing system, comprising:

a digest video providing apparatus of preparing and providing a digest video;

an information terminal of receiving said digest video provided from said digest video providing apparatus and displaying said received digest video, wherein

said digest video providing apparatus has:

retrieval means of retrieving multi-angle video from AV data which is time-sequential and in which the multi-angle video is partially inserted in video which is not the multi-angle video;

digest video specification means of extracting digest video which is multi-angle video from said multi-angle video retrieved by said retrieval means; and

providing means of providing said digest video extracted by the digest video specification means, and

said information terminal has displaying means of receiving and displaying said digest video provided by said providing means.

2. The digest video providing system according to claim 1, wherein said multi-angle video is composed of a plurality of video which are recorded by a plurality of cameras and which proceed concurrently at the same time period and one of which can be selected freely by user.

3. The digest video providing system according to claim 1 or 2, wherein said digest video providing apparatus has address management table of making correspondence of digest video to AV data of a complete edition, and said providing means provides said AV data of the complete edition using said address management table when said AV data of the complete edition is requested by specifying said digest video.
4. The digest video providing system according to claim 1 or 2, wherein said digest video specification means extracts said digest video from said multi-angle video in just the state said multi-angle video is, and said displaying means can switch and display said multi-angle video.
5. The digest video providing system according to claim 4, wherein said digest video providing apparatus has address management table of including branch target information of multi-angle video, and said displaying means can switch and display said multi-angle video using said branch target information.
6. The digest video providing system according to claim 3, further comprising accounting means of performing an accounting process before transmitting said AV data of said complete edition.
7. The digest video specification system according to claim 1, wherein said AV data is stored on a DVD.
8. A digest video providing apparatus of preparing and providing a digest video, comprising;

retrieval means of retrieving multi-angle video from AV data which is time-sequential and in which the multi-angle video is partially inserted in video which is not the multi-angle video;

digest video specification means of extracting digest video from said multi-angle video retrieved by said retrieval means; and

providing means of providing said digest video extracted by the digest video specification means.

9. The digest video providing apparatus according to claim 8, wherein said multi-angle video is composed of a plurality of video which are recorded by a plurality of cameras and which proceed concurrently at the same time period and one of which can be selected freely by user.
10. The digest video providing apparatus according to claim 8 or 9, wherein said digest video specification means extracts said digest video from said multi-angle video in just the state said multi-angle video is.
11. A digest video providing method using a digest video specifying system, comprising;

a digest video providing apparatus of preparing and providing a digest video;

an information terminal of receiving said digest video provided from said digest video providing apparatus and displaying said received digest video, wherein

said digest video providing apparatus comprises:

retrieval step of retrieving multi-angle video from AV data which is time-sequential and in which the multi-angle video is partially inserted in video which is not the multi-angle video;

digest video specification step of extracting digest video from said multi-angle video retrieved by said retrieval step; and

providing step of providing said digest video extracted by the digest video specification step, and

said information terminal comprises displaying step of receiving and displaying said digest video provided by said providing step.
12. A program which is used in a digest video specifying system according to claim 1, and is used to direct a computer to function:

retrieval means of retrieving multi-angle video from AV data which is time-sequential and in which the multi-angle video is partially inserted in video which is not the multi-angle video;

digest video specification means of extracting digest video from said multi-angle video retrieved by said retrieval means;

providing means of providing said digest video extracted by the digest video specification means; and

displaying means of receiving and displaying said digest video provided by said providing means.